


Step 1 - Setting up the Software and Imaging Unit


- Add rear head support or head support if needed.
- Open Romexis, then open or create a patient. If adding a new patient, select Save after entering patient data. Under Next Steps, choose Go to 3D Imaging then select 3D Capture.
- Select 3D Dental, then Teeth setting on the capture computer or from the touchpad on the imaging unit.
- Select patient size.
- Open screen for adjusting image values. Here you can select advanced settings, if needed.
- Adjust values, select resolution, Enable ULD and CALM, as needed and if available. Open advanced setting if needed (CALM/ARA) then accept new values by clicking green plus.

 **TIP:** ARA (Artefact Removal Algorithm) can be set to none, low, medium or high. CALM can be toggled on/off.

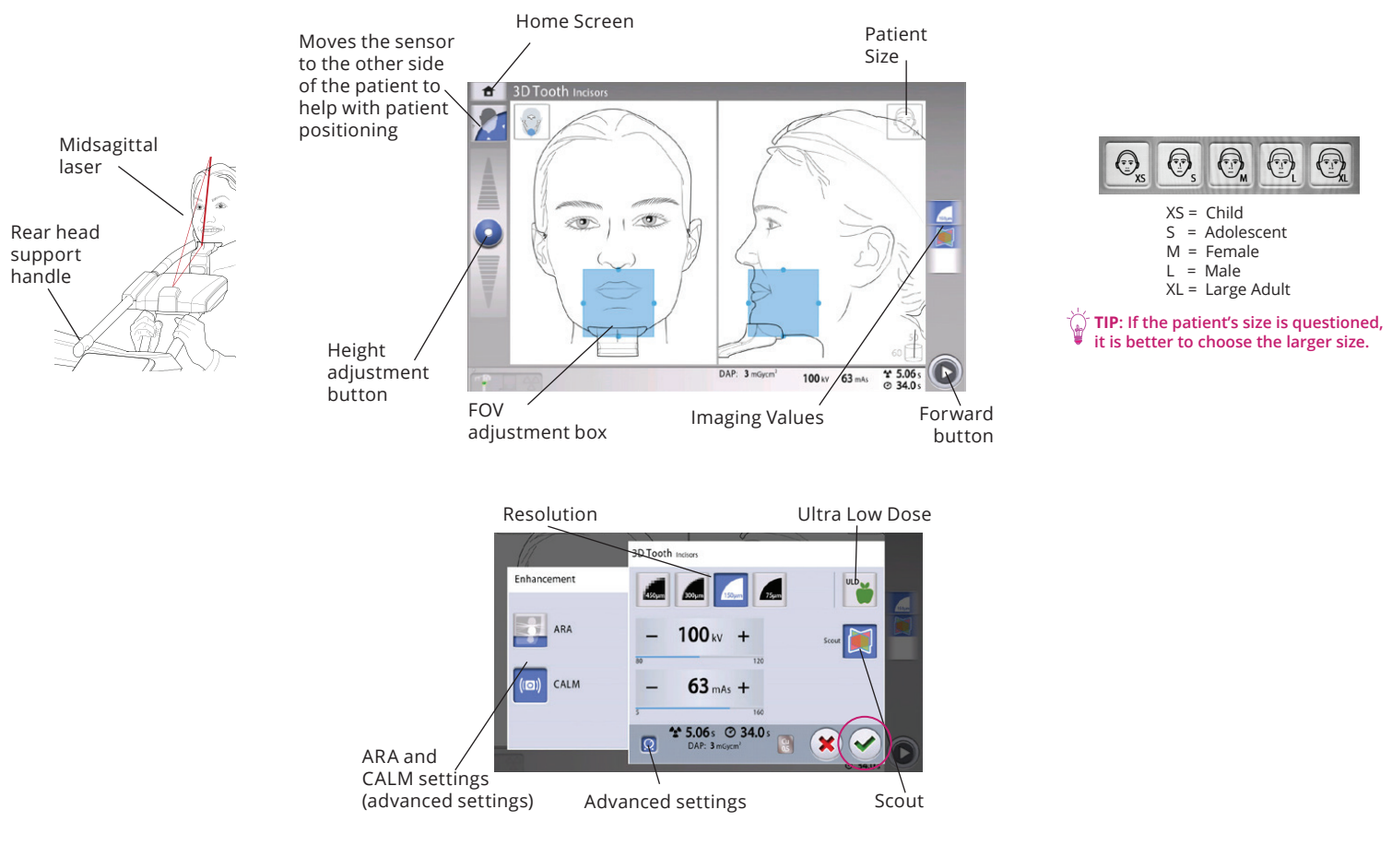
- Press Forward 

Step 2 - Patient Positioning

- Have the patient remove glasses, jewelry, all removable appliances and hair accessories.
- Use the height adjusting slider on the touch screen to move unit up and down until the chin rest is even with the patient's chin.
- Instruct the patient to bite on the bite stick and visually verify the anterior teeth are in the grooves. Use the chin cup for endentulas patients or to keep the patient in occlusion.
- Lower the bite stick so the patient's chin is resting on the chin rest. Verify the cervical spine is stretched by gently lifting up on the back of the patient's head.
- Raise or lower the unit until the posterior occlusal table is parallel to the floor.
- Close head supports, if applicable. If using rear head support, slide the rear head support forward or backward for optimal support of the patient's head. Align the mid-sagittal laser to the dental midline by moving the chin left or right.
- Press Forward 
- Define FOV size and location by resizing and moving the blue box to desired position.

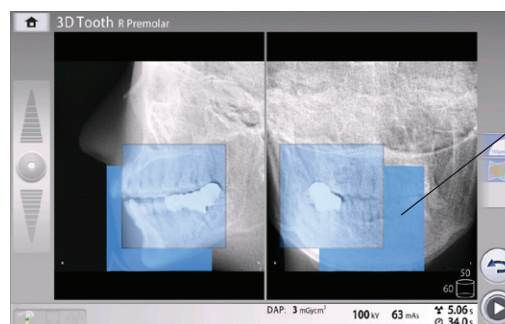
 **TIP:** Imaging programs are limited to a certain range of FOV sizes. Select bigger or smaller imaging program if needed.





Step 3 - Exposure

- Hold down the exposure button until audible noise stops and until both scout images appear on capture computer or touch pad.
- Once the scout image appears on capture computer or touch pad, verify the area of interest is displayed.
- When the area of interest has been captured in the Scout image, adjust volume size on the touchpad, if needed.
- If another Scout images is required, make adjustments by selecting the blue box to the area of interest. Select the curved arrow button to take a new Scout. Make new fine-adjustments until the image volume is in the correct place.
- Press Forward (▶) to continue.
- Instruct the patient to remain still and breathe through their nose.
- Hold down the exposure button until audible noises cease.



Scout FOV adjustment

TIP: Dark blue area = Volume position and size before adjustment

Light blue area = Volume position and size after adjustment

Retake Scout image

EDU022.A.2019